



92/ JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Martin John TROTTER

Docket No.: UK998092

Serial No.: 09/338,045

Group Art Unit: 2165

Filing Date: June 22, 1999

Examiner: Pardo, Thuy N.

For: MEMORY MANAGEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION OF REPLACEMENT FORMAL DRAWINGS

Sir:

In response to the Notices of Draftsperson's Patent Drawing Review dated August 10, 1999 and March 2, 2004 (copies of which are attached), and further to the requirements of the Notice of Allowability dated January 13, 2005, submitted herewith are five (5) sheets of replacement formal drawings for Figures 1-5 of the above-identified patent application. Please substitute the attached set of formal drawings for the drawings that were originally filed with the application on June 22, 1999.

Acknowledgment of receipt is respectfully requested.

Respectfully submitted,

Frederick E. Cooperrider
Reg. No. 36,769

Date:

2/10/05

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Form PTO 048 (Rev. 8-98)

U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

Application No.

338 0

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 6/22/99 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a). Acceptable categories of drawings: — Black ink. Color drawings are not acceptable until petition is granted. — Fig(s) _____ — Pencil and non-black ink are not acceptable. Fig(s) _____	2. PHOTOGRAPHS. 37 CFR 1.84(b). — 1 full-size set is required. Fig(s) _____ — Photographs not properly mounted (must use crystal board or photographic double-weight paper). Fig(s) _____ — Poor quality (half-tone). Fig(s) _____	3. TYPE OF PAPER. 37 CFR 1.84(c). — Paper must be suitable, strong, white, and durable. — Fig(s) _____	4. SIZE OF PAPER. 37 CFR 1.84(d). Acceptable sizes: — 21.0 cm by 29.7 cm (DIN size A4) — 21.6 cm by 27.9 cm (8 1/2 x 11 inches) — Fig(s) _____	5. MARGINS. 37 CFR 1.84(e). Acceptable margins: — Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm — Fig(s) _____	6. VIEWS. 37 CFR 1.84(b). — REMINDER: Specification may require revision to correspond to drawing changes. — Partial views. 37 CFR 1.84(b)(2). — Brackets needed to show figure as one entity. Fig(s) _____ — Views not labeled separately or properly. Fig(s) _____ — Enlarged view not labeled separately or properly. Fig(s) _____	7. SECTIONAL VIEWS. 37 CFR 1.84(b)(3). — Hatching not indicated for sectional portions of an object. Fig(s) _____ — Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(f). — Views do not appear on a horizontal, left-to-right fashion. — Fig(s) _____	9. SCALE. 37 CFR 1.84(g). — Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(h). — Lines must be uniform in thickness and color. — Fig(s) _____	11. SHADING. 37 CFR 1.84(i). — Solid black areas only. Fig(s) _____ — Shaded areas must be uniform in color and tone. Fig(s) _____	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(j). — Numbers and reference characters not oriented in the same direction as the drawing. Fig(s) _____ — English alphabet not used. 37 CFR 1.84(j)(2). — Fig(s) _____	13. LEAD LINES. 37 CFR 1.84(k). — Lead lines cross each other. Fig(s) _____ — Lead lines missing. Fig(s) _____	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(l). — Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____	15. NUMBERING OF VIEWS. 37 CFR 1.84(m). — Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____	16. CORRECTIONS. 37 CFR 1.84(n). — Corrections not made from prior PTO-048 dated _____	17. DESIGN DRAWINGS. 37 CFR 1.152. — Surface shading shown not appropriate. Fig(s) _____ — Solid black shading not used for color contrast. Fig(s) _____
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COMMENTS

REVIEWER

B. Gray

DATE 8-10-99

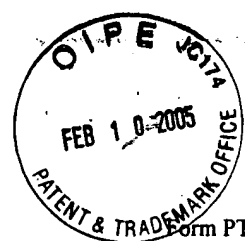
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Form PTO-948 (Rev. 06/03)

Application No. 09/338045U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**The drawing(s) filed (insert date) 6/22/99 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) _____

☐ Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) _____

☐ Photographs may not be mounted. 37 CFR 1.84(e)

☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____

☐ Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable.

Fig(s) _____

☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s) _____

☐ Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) 2-5

☐ Top (T) ☒ Left (L)

☐ Right (R) ☐ Bottom (B)

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k).

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 2, 4, 5

11. SHADING. 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) _____

☐ Solid black shading not permitted. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

☐ Numbers and reference characters not plain and legible. Fig(s) _____

☐ Figure legends are poor. Fig(s) _____

☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. DESIGN DRAWINGS. 37 CFR 1.152

☐ Surface shading shown not appropriate.

Fig(s) _____

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENTS:Reviewer D.D.

If you have questions, call (703) 305-8404.

Date 3/2/04Attachment to Paper No. 14

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